

**Aero Design Ltd.****Work Order Control Sheet**Work Order#: 2016-139 Date Opened: 18 Oct 16 Title: AssemblyAircraft OEM: Robinson Aircraft Model: R44 Product Type: Cargo Basket Product Model: LH Quantity: 1**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)  
Additional Work Sheets (Standard Practice)  
Drawings (See List Below)  
Parts Distribution Sheet  
Sub Component Tags  
Completed Certification (Original)  
Time Sheet (R&D)  
Notes

Initial or N/A

JC
N/A
JC
JC
JC
N/A
N/A

**Build Sheet Contents**

Tasks Initialled  
Dual Inspections Initialled

Initial or N/A

JC
JC

**Drawing List**

Drawing #	Rev #	Description	Initial or N/A
90610	1	Basket	JC
90627	1	Placard	JC
90628	1	Fitting	JC
84255	2	Handle Installation	JC
84240	0	Lid Prop Installation	JC

**Traveller**

Install walkway on lid  
Install lid on basket body  
Re-tap mounting lug holes and install mount lugs  
Install handle brackets  
Install handle  
Install lid prop  
Install data plate

Initial or N/A

N/A
JR
JR
JR
JR
JR
JF

**Component Completion**

Quantity Complete on This Work Order  
Quantity Incomplete on This Work Order  
Further Processing Required Before Release  
Release to Stock as Components

As Instructed

1
N/A
N/A
N/A

**Certification**

Form One Completed  
Serviceable (Green) Tag Completed  
In Process (Yellow) Tag Completed  
Unserviceable (Red) Tag Completed  
Parts Placed in Stores for Distribution

Initial or N/A

JC
N/A
N/A
N/A

**Additional Documentation**

Documentation of a minor change  
Non-Conformance Report Required  
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

**Billing**

Local (Aero Design)  
Research and Development  
Third Party

Initial or N/A

JR
N/A
N/A

Work performed by:

Print: J. RekveSign: [Signature]SCA: AD01Date: 14-Jun-18

ICC / Dual Inspection performed by:

Print: J. ClarkeSign: [Signature]SCA: AD02Date: 14-Jun-18

Work Order closed by:

Print: J. ClarkeSign: [Signature]SCA: AD02Date: 14-Jun-18

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:	1	
PN:	90611-01-02	
Aircraft:	Robinson	Model: R44
Description:	LH Basket Body	
Supplier:	Aero Design	
Color:	Black	
WO#:	2014-60	PO# N/A



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:	1	
PN:	MS20001P4-9600	
Aircraft:	Multiple	Model: Multiple
Description:	Hinge	
Supplier:	Bisco	
Color:	N/A	
WO#:	N/A	PO# 16030



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

90612-01-02

Aircraft:

Robinson

Model: R44

Description:

LH Basket Lid

Supplier:

Aero Design

Color:

Black

WO#:

2014-60

PO# N/A



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 84261-01

Aircraft: Robinson

Model: R44

Description: Cargo Basket Handle

Supplier: Aero Design

Color: N/A

WO#: 2014-85

PO# N/A

## **CARGO BASKET ASSEMBLY - COMMON**

### **General**

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

#### **Bell 206L/407 – Right side only**

69810, Revision 3 – Standard Low Mounted Basket  
94510, Revision 0 – Extra-Wide Low Mounted Basket  
94610, Revision 0 – Extra-Wide Low Mounted Ski Basket  
76610, Revision 0 – High Mounted Ski Basket

#### **Eurocopter AS350/AS355 – left or right**

77610, Revision 1 – Short Basket  
76410, Revision 3 – Medium Basket (left or right)  
78410, Revision 2 – Long Basket  
94010, Revision 0 – Extra Large (ski) Basket

#### **Robinson R44 – left or right**

90610, Revision 0 – Standard Basket (left or right)

#### **Bell 206B – right side only**

80210, Revision 0 – Short Basket  
80310, Revision 0 – Medium Basket  
81110, Revision 0 – Long Basket

#### **Bell 429 – right or left**

95911, Revision 0 – Standard Basket

#### **Bell Medium – left or right**

75111, Revision 0 – Standard Basket  
95511, Revision 0 – Extra Large (ski) Basket

#### **MD600**

82811, Revision 0 – Standard Basket

#### **Options**

70405, Revision 3? – Lid Walkway



## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

Work Order: 2016-139

Date Open: 18 OCT 2016

AD  
73-04  
01

### 1. Lid Assembly

- a. Install lid bumpers on bottom.
  - i. Fill bumper holes with RTV silicone sealant.
  - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
  - i. Locate placard on bracket.
  - ii. Drill #30 through placard and bracket, using holes in placard.
  - iii. Remove placard and de-burr holes in placard and on bracket.
  - iv. Locate placard on bracket, and cleco in place.
  - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
  - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
  - ii. Pull tread plate from stock. Shear tread plate to length.
  - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
  - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
  - v. Mark and drill #30 holes:
    1. 0.25" from edge of tread plate, centre on cross members (0.38")
    2. 0.25" from edge of tread plate, middle of each walkway stringer
  - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using 1/4" piloted counter bore on both sides.
  - vii. De-burr holes in lid tubes.
  - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
  - ix. Set tread plate in place, secure with clecos if necessary.
  - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

AD  
73-04  
01

### 2. Body Assembly

- a. Install attachment fittings
  - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
  - ii. Run 3/8-24 tap into attachment lugs to clear threads.
  - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
  - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
    1. 90610 (Robinson R44) basket only:
      - a. Install 1 fitting 906?? in lower forward attachment lug only.
      - b. Install 3 96710-01 fittings in remaining locations.
  - v. Torque to ??

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
  - i. Locate 94621-01 Brace over aft cross tube cutout
  - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
  - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

## 3. Hinge Installation

- a. Prepare hinge.
  - i. Cut hinge to length:
    - 1. 776, 906 – 54"
    - 2. 751, 803 – 70"
    - 3. 698, 764, 945 – 72"
    - 4. 784 – 90"
    - 5. 940, 946, 959 – 95"
  - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
  - i. Locate hinge on basket (standard baskets)
    - 1. centre fore/aft
    - 2. 0.15" – 0.18" up from bottom edge
  - ii. Locate hinge on basket (extra wide baskets)
    - 1. centre fore/aft
    - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
  - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
  - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
  - v. Remove hinge and de-burr holes in hinge and basket rim.
  - vi. Cleco hinge to basket with 5/32 clecos.
  - vii. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
  - i. Locate lid on hinge (all baskets)
    - 1. center fore/aft
    - 2. 0.15" – 0.18" down from top edge
  - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
  - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
  - iv. Remove hinge and de-burr holes in hinge and lid rim.
  - v. Cleco lid to hinge with 5/32 clecos.
  - vi. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations



## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

AD  
73-04  
01

- d. Record PO of hinge and rivets on attached material tracking list.

### 4. Install Handle

#### a. Install handle brackets.

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

#### b. Install handle

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

#### c. Check handle

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

AD  
73-04  
01

### 5. Install lid brace

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

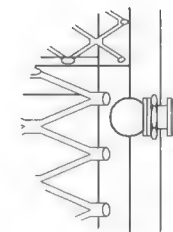
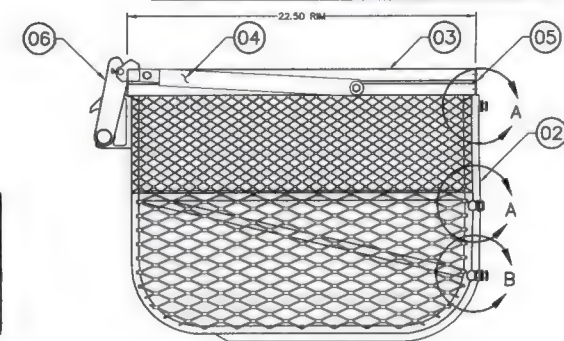
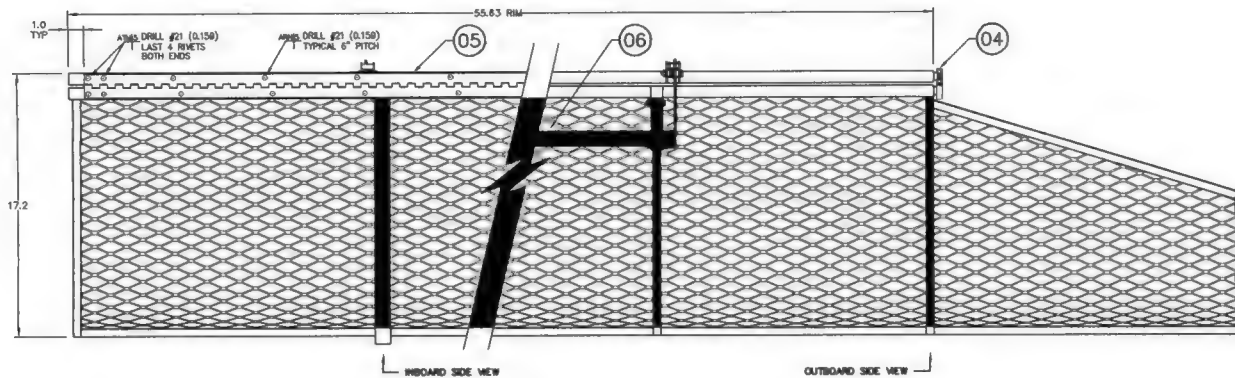
AD  
73-04  
02

### 6. Final Inspection

Dual inspection by a different person than assembled the basket.

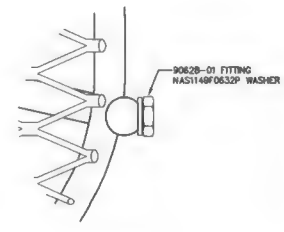
- a. Check for general condition and correct assembly:
  - i. Bolts are tight
  - ii. Rivets are installed correctly
  - iii. Handle operates correctly
  - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

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REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; HINGE LENGTH INCREASED; WASHER P/N'S UPDATED; ADD ALTERNATE RIVETS, CHANGE BRACE ASSEMBLY TO INSTALLATION	BJC	21/05/2014



DETAIL A

SCALE 1 : 1  
FRONT TOP AND REAR TOP AND BOTTOM POSITIONS



DETAIL B





SCALE 1 : 1  
FRONT BOTTOM POSITION ONLY

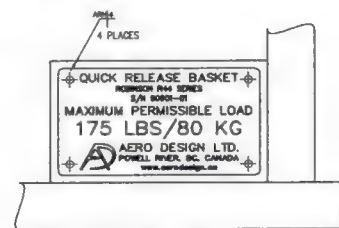
NOTE:

1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

A/R/A/R	1	1	90628-01	WASHER				
A/R/A/R	1	1	90628-01	WASHER				
	3	3	96710-01	FITTING				
	3	3	96710-01	FITTING	ALTERNATE: ANORA 40088-14			
B	8	8	CR3523-5-02	CHERRYMAX RIVET (MONEL)	ALTERNATE: HUCKMAX HR3523-5-02			
A/R/A/R	8	8	CR3213-5-02	CHERRYMAX RIVET	ALTERNATE: HUCKMAX HR3213-5-02			
	4	4	CR3213-4-02	CHERRYMAX RIVET	ALTERNATE: HUCKMAX HR3213-4-02			
	3	3	49205-14	06 BUMPER	ARGUS INDUSTRIES			
	1	1	90627-02	07 PLACARD				
	1	1	90627-01	07 PLACARD				
	1	1	84255-01	08 HANDLE BAR INSTALLATION				
	1	1	MS2000P4	05 PRAND HINGE				54.0 LONG
	1	1	84240-01	04 LD PROP INSTALLATION				
	1	1	90612-01-02	03 BASKET LID ASSEMBLY (LEFT HAND)				
	1	1	90612-01-01	03 BASKET LID ASSEMBLY (RIGHT HAND)				
	1	1	90611-01-02	02 BASKET BODY ASSEMBLY (LEFT HAND)				
	1	1	90611-01-01	02 BASKET BODY ASSEMBLY (RIGHT HAND)				
	1	1	90610-01-02	01 CARGO BASKET ASSEMBLY (LEFT HAND)				
	1	1	90610-01-01	01 CARGO BASKET ASSEMBLY (RIGHT HAND)				
-02	-01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC		STOCK SIZE
QTY								

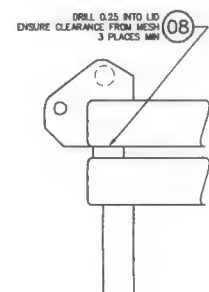
LIST OF MATERIALS

BASIC CODE		DASH NO. FOR DIAMETER		APPROVALS		DATE	
REF. HAS 503		N=MTD. HEAD NEAR SIDE		DRAWN: JEFF CLARKE		13 SEPT 2010	
C=COUNTERSUNK		F=MTD. HEAD FAR SIDE		CHECKED: E. BURCOIN		 <b>AERO DESIGN LTD.</b> 9008A MALASPORA ROAD POWELL RIVER, BC, CANADA, V0A 0G5 TEL: 250-488-5878 www.aerodesign.ca	
D=DIMPLE		DASH NO. FOR LENGTH		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.013 X.X ±0.1			
DIGIT=# OF SHEETS							
TO BE DIMPLED							
BASIC CODES:		+  INSTALL NEW RIVET		SCALE 1 : 4 SHEET 1 OF 1		DIM. SIZE	DIM. NO.
Bj = MS20470AD		+  REMOVE/REPLACE RIVET					
BB = MS20428AD		-  EXISTING RIVET					
ABH = CR3213							
ATM = CR3523						REV.	



DETAIL C

SCALE 1 : 1  
LOOKING AT PLACARD BRACKET



BUMPER INSTALLATION  
SCALE 1 : 1

01 CARGO BASKET ASSEMBLY  
RIGHT HAND SHOWN, LEFT HAND OPPOSITE



REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; ADDRESS AND LOGO UPDATED	BJC	21/05/2014

#### NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:  
"QUICK RELEASE BASKET" - 0.125 HIGH  
"ROBINSON R44 SERIES" - 0.080 HIGH  
"S/N 90601-XX" - 0.080 HIGH  
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH  
"175 LBS/80 KG" - 0.200 HIGH  
"AERO DESIGN LTD." - 0.125 HIGH  
"POWELL RIVER, BC, CANADA" - 0.080 HIGH  
"www.aerodesign.ca" - 0.080 HIGH

- ON 90627-02: S/N IS 90602-XX.


DRILL #30 (0.129)  
4 PLACES



01 PLACARD  
02 PLACARD

90627-02	02	PLACARD (LH BASKET)	6061-T6 ALUMINUM	QQ-A-250/11	0.063 SHEET
90627-01	01	PLACARD (RH BASKET)	6061-T6 ALUMINUM	QQ-A-250/11	0.063 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

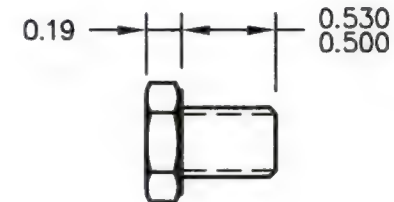
#### LIST OF MATERIALS

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	DRAWN: JEFF CLARKE		13 SEPT 2010				
	CHECKED: E. BURGOIN						
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2" X.XX ±0.03 X.X ±0.1				<b>ROBINSON R44, R44 II          QUICK RELEASE CARGO BASKET          PLACARD</b>		
				SCALE 1 : 1 SHEET 1 OF 1	DWG. SIZE <b>A4</b>	DWG. NO. <b>90627</b>	REV. <b>1</b>

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED	BJC	21/05/2014

#### NOTES


1. REMOVE ALL BURRS AND BREAK SHARP EDGES.



① FITTING

90628-01	01	FITTING	GR18.8 STAINLESS STEEL	COMMERCIAL	3/8-24 X 0.75 BOLT
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

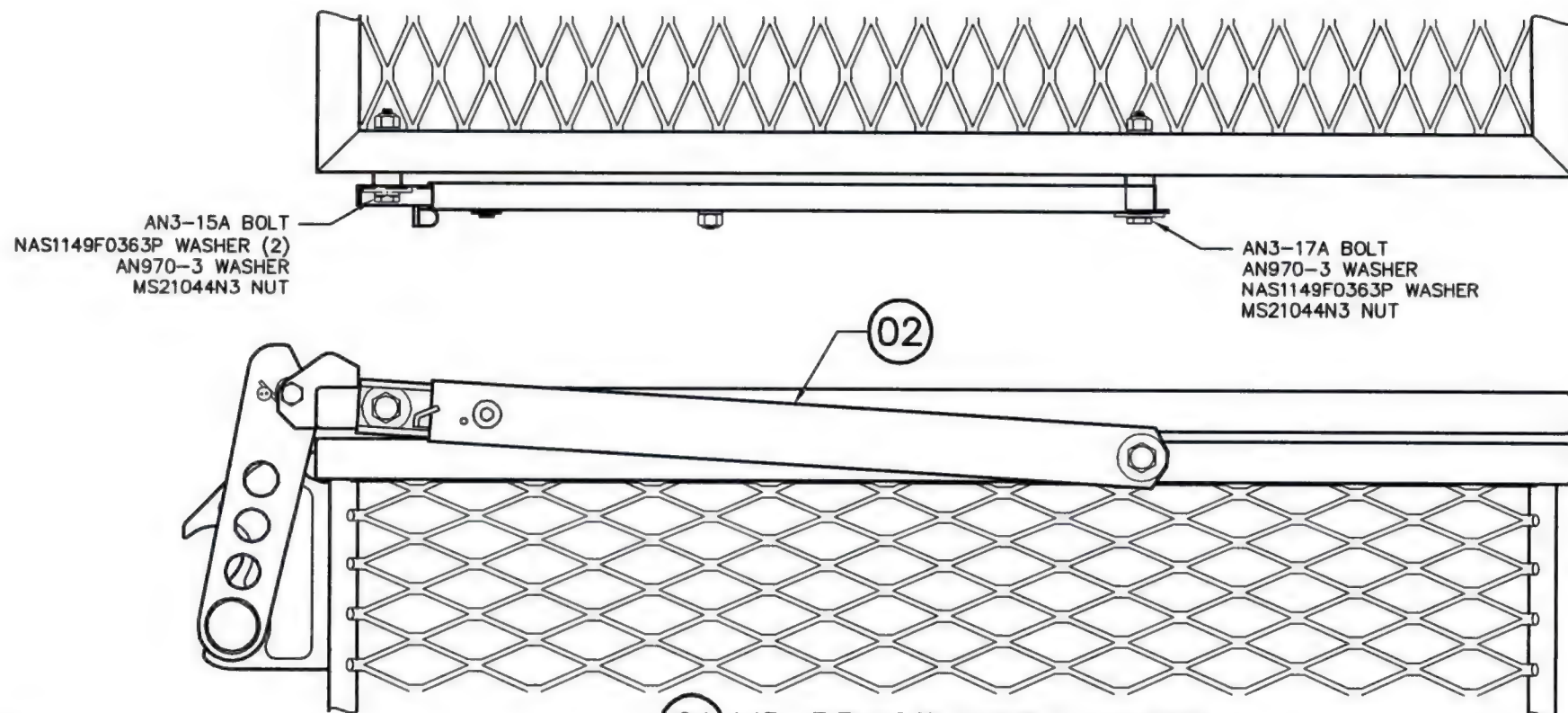
#### LIST OF MATERIALS

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	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1						
	SCALE 1 : 1 SHEET 1 OF 1			DWG. SIZE <b>A4</b>	DWG. NO. <b>90628</b>	REV. <b>1</b>	



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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	*	*



#### NOTES

- THIS DRAWING APPLIES TO ALL AERO DESIGN LTD. CARGO BASKET ASSEMBLIES.  
LID PROP IS TO BE INSTALLED ON THE FORWARD END OF THE BASKET AS INSTALLED ON THE HELICOPTER.

2	MS21044N3		NUT
3	NAS1149F0363P		WASHER
2	AN970-3		WASHER
1	AN3-17A		BOLT
1	AN3-15A		BOLT
1	36280-01	02	LID BRACE ASSEMBLY
	84240-01	01	LID BRACE INSTALLATION
01	PART NO.	ITEM	DESCRIPTION
QTY.	LIST OF MATERIALS		

APPROVALS	DATE
DRAWN: JEFF CLARKE	21 MAY 2014
CHECKED: JASON REKVE	21 MAY 2014
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	



**AERO DESIGN LTD.**

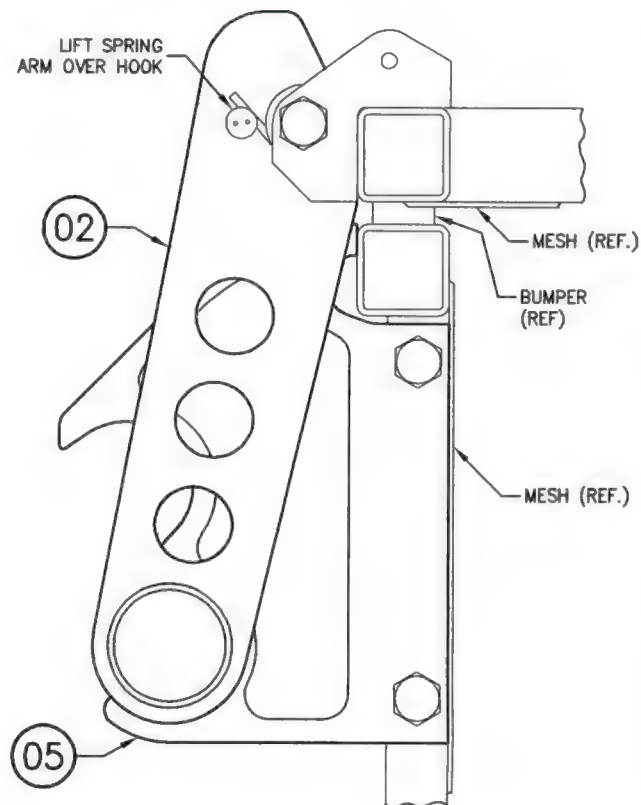
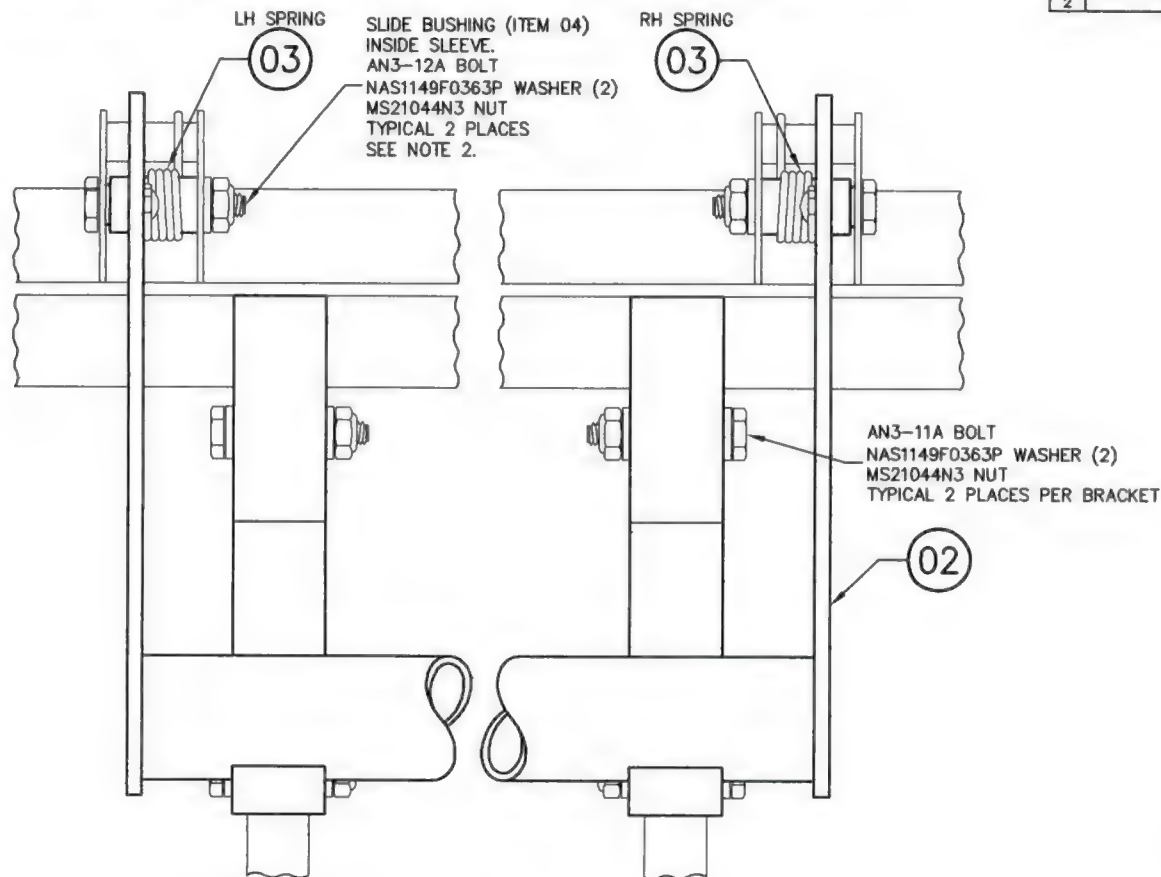
9888A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 www.aerodesign.ca

**HELICOPTER CARGO BASKET  
ALL MODELS  
LID BRACE INSTALLATION**

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A4	84240	0

NOTES:

1. THIS DRAWING IS AN ALTERNATE CONFIGURATION FOR THE HANDLE INSTALLATION SHOWN ON DRAWING 36255.
2. GREASE BUSHING (ITEM 04) USING MOBILGREASE 28 OR EQUIVALENT PRIOR TO INSTALLATION.



01 HANDLE INSTALLATION

A/R	MOBILGREASE 28		GREASE	MIL-PRF-81322F
4	AN3-11A		BOLT	
2	AN3-12A		BOLT	
10	NAS1149F0363P		WASHER	
6	MS21044N3		NUT	
2	84267-01	05	BRACKET	
2	36275-01	04	BUSHING	
2	36278-01	03	SPRING (1 LH, 1 RH)	
1	84261-01	02	HANDLE BAR ASSEMBLY	
	84255-01	01	HANDLE INSTALLATION	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL
QTY.	LIST OF MATERIALS			

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36255	BJC	NOV 03/09
1	HANDLE END BRACKETS FLIPPED	BJC	SEPT 19/11
2	TITLE BLOCK UPDATED; ADD NOTE 2; HARDWARE UPDATED	BJC	MAR 13/14

APPROVALS	DATE
DRAWN: JEFF CLARKE	03 NOV 2009
CHECKED: E. BURGAIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	



**AERO DESIGN LTD.**

9688A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.463.2976 www.aerodesign.ca

**HELICOPTER CARGO BASKET  
HANDLE BAR INSTALLATION**

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A3	84255	2



WO# \_\_\_\_\_

Approved Manufacturing Facility 73-04      Form 20.F.06      Rev. Original 27 May 2013



Work Order: 2016-139

## Material Tracking Sheet

1 of 2

Date Opened: 18 OCT 2016

Robinson R44

Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
	1		90610-01-02	Cargo Basket Assembly	(-01 RH, -02 LH)	90602-18
Step 1				Lid Assembly		
Step 1.a.	1		90612-01-02	Basket Lid Assembly		2014-60
	3		49205-14	Bumper	Argus Industries Bumper	See PDS
	A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 1.b.	1		90627-01	Placard	0.063 Sheet, 6061-T6 Aluminum	See PDS
	4		CR3213-4-02	Cherry Rivet		17115
Step 2				Basket Assembly		
Step 2.a.	1		90611-01-02	Basket Body Assembly		2014-60
	3		96710-01	Fitting	Alternate: Ancra 40088-14	See PDS
	1		90628-01	Fitting		11105
	8		NAS1149F0663P	Washer		See PDS
Step 3				Hinge Installation		
	1		MS20001P4	Piano Hinge	54"	16030
	8		CR3523-5-02	Cherry Rivet		15031
	A/R		CR3213-5-02	Cherry Rivet		15086
Step 4	1	84255	84255-01	Handle Installation		
Step 4.a.	2		84267-01	Bracket	Delrin, 3/4" Sheet	2016-37
	4		AN3-11A	Bolt		See PDS
	8		NAS1149F0363P	Washer		See PDS
	4		MS21044N3	Nut		See PDS
Step 4.b.	1		84261-01	Handle Assembly		2014-85
	2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	See PDS
	2		36275-01	Bushing	Brass, 5/16" Dia	See PDS
	2		AN3-12A	Bolt		See PDS
	4		NAS1149F0363P	Washer		See PDS
	2		MS21044N3	Nut		See PDS

Work Order: 216-139

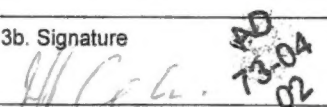
Date Opened: 18 OCT 2016

Material Tracking Sheet  
Robinson R44  
Basket Assembly

2 of 2

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
<b>Step 5</b>				<i>Lid Brace Installation</i>		
	. 1		36280-01	Brace Assembly		16052
	. 1		AN3-15A	Bolt		See PDS
	. 1		AN3-17A	Bolt		See PDS
	. 2		AN970-3	Washer		See PDS
	. 3		NAS1149F0363P	Washer		See PDS
	. 2		MS21044N3	Nut		See PDS
<b>Step 6</b>				<i>Inspection</i>	None	



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2018-0149		
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO2_180608_001A		
6. Item 1.	7. Description LH Basket Assembly	8. Part Number 90610-01-02	9. Qty. 1	10. Serial/Batch No. 90602-18 WO 2016-139	11. Status/Work New		
12. Remarks Certification data: TCCA STC SH10-48; EASA STC 10050758 Black							
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12          Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>				
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 14 June 2018		14d. Name		14e. Date (dd/mm/yyyy)	
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>							

PERGAM SUISSE